

Snowdonia National Park

Forecast valid from 00:00 on Tuesday 19 Sep 2023 until 23:59 on Wednesday 20 Sep 2023

Forecast Issued on Monday 18 Sep 2023 at 13:01

Confidence: Moderate to high confidence for the generally changeable and autumnal feel. Moderate confidence in heaviest rainfall midweek, and details of more showery end to the working week.

Headline for Tuesday 19 Sep 2023: Wet and very windy.

Mountain weather hazards on Tuesday 19 Sep 2023

Blizzards

No Likelihood

Gales

High Likelihood

Thunderstorms

No Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

Low Likelihood

Heavy persistent rain

High Likelihood

Storm force winds

High Likelihood

Poor visibility

High Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Light rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Drizzle	Drizzle	Heavy Rain
Precipitation probability							
60%	90%	90%	90%	90%	70%	70%	70%

Forecast for Tuesday 19 Sep 2023

Weather: Cloud rapidly thickening and descending, with winds around storm force over exposed ground bringing in driving rain through the morning. Remaining extensively cloudy and very windy during the afternoon, although the rain should ease for a time, with the driest conditions likely in the east. Rain returning in earnest during the evening.

Chance of cloud-free hill tops above 800m: Near nil.

Low Cloud and visibility: Extensive and persistent down to 500 metres on windward ground, with ragged cloud below this at times. Perhaps broken at 600 in the east during the afternoon.

Forecast for Tuesday 19 Sep 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	36/45 W	36/47 SW	53/70 SW	48/63 SW	44/59 SW	46/62 SW	50/68 SW	52/71 SW	51/70 SW
600	23/32 SW	25/35 SW	40/56 SW	34/49 SW	32/45 SW	34/49 SW	37/54 SW	39/57 SW	38/57 SW
300	16/30 W	14/28 SW	26/48 SW	24/44 SW	22/41 SW	24/44 SW	26/48 SW	27/51 SW	26/50 SW
Valley	16/30 W	13/26 SW	25/47 SW	23/43 SW	22/41 SW	22/41 SW	25/46 SW	23/44 SW	24/46 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	6/-0	7/1	9/3	11/5	11/6	11/5	10/5	11/5	11/5
600	8/4	9/5	11/6	12/7	13/8	13/8	12/7	13/7	13/7
300	11/8	11/8	13/9	14/10	15/11	15/11	15/10	15/10	15/10
Valley	12/9	12/9	14/10	16/12	16/12	17/13	16/12	16/12	16/12
Freezing Level*	1600m	2200m	3000m	3100m	3000m	2500m	2500m	2900m	3200m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Very strong winds at even modest elevation coupled with rivers in spate and extensive low cloud mean that activities are perhaps best confined to lower slopes.

Forecast for Wednesday 20 Sep 2023

Weather: Extensively cloudy, wet and very windy at first, with the rain then gradually moving southeast and with winds gradually easing. Clearer conditions should follow from the northwest later, with sunny spells but also a risk of showers, with some eventually heavy with a risk of hail and thunder into the evening.

Maximum wind: Southwesterly 75mph, gradually easing.

Chance of cloud-free hill tops above 800m: Near nil, improving 70% later.

Low Cloud and visibility: Extensive down to 500 metres with ragged patches below this. Becoming well-broken above higher summits through the afternoon.

Temperature: **Valleys:** Plus nine becoming 18 degrees Celsius.

At 800m: Plus ten degrees Celsius.

Freezing level: Well above the summits.

Thursday	A colder start than of late. Sunny spells and increasingly heavy showers, with risk of hail and thunder. Gusty moderate southwesterly winds easing. Freezing level above the summits throughout.
Friday	Further sunny spells and showers, again heavy with a risk of hail and thunder but probably easing generally later. Moderate gusty northwesterly winds – feeling rather cool.
Saturday	Probably a fine and chilly start with some fog. Becoming brighter with some sunny spells breaking through for a time, replaced later by strong southerly winds – gale or higher - and extensive cloud, perhaps culminating in rain into the evening.

Ground Conditions Supplement

Please see - <https://snowdonia.gov.wales/visit/snowdon/yr-wyddfa-ground-conditions-reports/>

Issued at: 1301 on Mon 18 Sep 2023